

**METHOD AND APPARATUS FOR REDUCING
INDEX SIZES AND INCREASING PERFORMANCE OF
NON-RELATIONAL DATABASES**

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ABSTRACT OF THE DISCLOSURE

A method for increasing performance of non-relational databases with reduction in view index sizes is provided. One or more user views are provided in addition to the master view having all hierarchical/categorized data. User views are created having a 10 subset of this hierarchical/categorized data that significantly reduces index size and improves performance. The indexes of the user view are associated with the indexes of the master view. This method improves view caching by dividing view cache into partitions based on the types of view, each with different priorities and management techniques. The master view may have a higher priority and may be used by servers 15 while the user view may have lower priorities and may be used by users and client applications. In this way, legacy non-relational databases may continue to be suitably maintained with acceptable performance and avoiding potential cost and risk of migrating to a relational database.

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